IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANT:

John Rees

SERIAL NO.:

10/719,049

GROUP ART UNIT:

FILED:

November 21, 2003

**EXAMINER:** 

FOR:

Immunoassay Apparatus for

Diagnosis

ATT'Y DOCKET: UDL-108D1

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231 I hereby certify that this correspondence is being deposited on this day with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

David P. Gordon

Doto 200

Reg. No. 29,996

Sir:

## SUBMITTAL OF DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

Pursuant to applicant's duty of disclosure 37 CFR Section 1.56, enclosed is a completed form PTOL-1449 as well as copies of the cited documents which relate to the above-referenced patent application. Since this document submittal is being presented prior to the first examination on the merits, no fee is due herewith.

Below are the cited foreign patent documents:

- 0186799 (German) Diagnostic Means. The invention concerns a firm diagnostic means for quantitative regulation of substances or analyte in biological matter.
- 0590695 (European) Liquid Transfer Devices. Describes a liquid transfer device of disposable one-time use to conduct biochemical diagnostic tests.
- WO96/22532 (PCT) Immunoassay method and reagent involving suspendable carbon labeled bioaffine particles.
- WO95/17676 (PCT) Apparatus for Separation, Concentration and Detection of Target Molecules in a Liquid Sample. Also describes non-target molecules comprising at least one absorption area.

- DE4037724 (German) Devices for Immunoassays and their Materials.

  The invention concerns an immune-chemical Immunoassay for the production of immune-chemical active markers.
- GB2291283 (UK) Sealed Interconnect System. This invention relates to an interconnect system and in particular, to an environmentally sealed interconnect electrical access to the sealed portion therein.
- WO96/24060 (PCT) Assay Device and Method. The invention relates to an analytical device, specifically an integrated one step amplified assy system.
- GB2261284B (UK) Liquid Transfer Devices. The invention provides an improved device of a simple, disposable, self-contained device for performing biochemical diagnostic assays.
- GB2261283B (UK) Liquid Transfer Assay Device. This is an improved device wherby the first and second channels interconnect and then both continue.
- 0314499B1 (European) Devices and Methods for Chemical Testing.

  The invention relates to devices and methods for chemical testing, and especially devices and methods for microchemical testing.
- GB2231150B (UK) Liquid Transfer Devices. The object of this invention is to improve the simple analytical devices, which are usually disposable, one-time use form, intended for extra-laboratory usage to conduct biochemical diagnostic assays.

The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's attorney and may be considered by the Examiner to be material to his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein. Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references.

Page - 3 - 10/719,049 John Rees

Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,

David P. Gordon Reg. #29,996

Attorney for Applicant(s)

Gordon & Jacobson, P.C. 65 Woods End Road Stamford, CT 06905 (203) 329-1160

| CIPE  | ल् |              |             |                            |       |                          |                               |  |  |
|---|----|--------------|-------------|----------------------------|-------|--------------------------|-------------------------------|--|--|
| INFORMATION DISCLOSURE CITATION PAGE 1 OF 2 |    |              |             | Atty Docket#<br>UDL-108D1  |       | Serial No.<br>10/719,049 |                               |  |  |
|   |    |              |             | Applicant<br>John Rees     |       |                          |                               |  |  |
|   |    |              |             | Filed<br>November 21, 2003 |       | Group                    |                               |  |  |
|   |    |              | US PATENT [ | DOCUMENTS                  |       |                          |                               |  |  |
| Examiner<br>Initials                        |    | Document No. | Date        | Name                       | Class | Sub-<br>class            | Filing date if approp.        |  |  |
|   | Α  | 4,960,691    | 10/02/90    | Gordon, et al.             | 435   | 6                        |                               |  |  |
|   | В  | 5,198,193    | 03/30/93    | Bunce, et al.              | 422   | 100                      |                               |  |  |
|   | С  | 5,275,785    | 01/04/94    | May, et al.                | 422   | 56                       |                               |  |  |
|   | D  | 5,308,775    | 05/03/94    | Donovan                    | 436   | 518                      |                               |  |  |
|   | E  | 5,770,460    | 06/23/98    | Pawlak, et al              | 436   | 510                      |                               |  |  |
|   | F  | 4,861,711    | 08/29/89    | Friesen, etal              | 435   | 7.92                     |                               |  |  |
|   | G  |              |             |                            |       |                          |                               |  |  |
|   | Н  |              |             |                            |       |                          |                               |  |  |
|   | 1. |              |             |                            |       |                          |                               |  |  |
|   | J  |              |             |                            |       |                          |                               |  |  |
|   | K  |              |             |                            |       |                          | -                             |  |  |
|   |    | FO           | REIGN PATEN | NT DOCUMENTS               |       |                          |                               |  |  |
| Examiner<br>Initials                        |    | Document No. | Date        | Country                    | Class | Sub-<br>class            | Transla-<br>tion<br>Yes<br>No |  |  |
|   |    | 0186799      | 12/03/85    | European                   |       |                          |                               |  |  |
|   |    | 0590695A2    | 03/23/90    | European                   |       |                          |                               |  |  |
|   |    | W096/22532   | 07/25/96    | PCT                        |       |                          |                               |  |  |
|   |    | WO95/17676   | 06/29/95    | PCT                        |       |                          |                               |  |  |

## INFORMATION DISCLOSURE CITATION

PAGE 2 OF 2

Atty Docket No. UDL-108D1

Serial No. 10/719,049

Applicant John Rees

Filed

Group November 21, 2003

US PATENT DOCUMENTS

| Examiner<br>Initials     |   | Document No. | Date | Name    | Class | Sub-<br>class | Filing date if approp. |  |  |
|--------------------------|---|--------------|------|---------|-------|---------------|------------------------|--|--|
|                          | Α |              |      |         |       |               |                        |  |  |
| FOREIGN PATENT DOCUMENTS |   |              |      |         |       |               |                        |  |  |
| Examiner                 |   | Document No. | Date | Country | Class | Sub-          | Translation            |  |  |

| Examiner<br>Initials | Document No. | Date     | Country  | Class | Sub-<br>class | <u>Trans</u><br>Yes | lation<br>No |
|----------------------|--------------|----------|----------|-------|---------------|---------------------|--------------|
|                      | DE4037724A1  | 11/27/90 | Germany  |       |               |                     |              |
|                      | GB2291283A   | 01/17/96 | UK       |       |               |                     |              |
|                      | WO96/24060   | 08/08/96 | PCT      |       |               |                     |              |
|                      | GB2261284B   | 11/29/95 | UK       |       |               |                     |              |
|                      | GB2261283B   | 07/06/95 | UK       |       |               |                     |              |
|                      | 0314499B1    | 01/20/93 | European |       |               |                     |              |
|                      | GB2231150B   | 10/13/93 | UK       |       |               |                     |              |
| - Marine No. and     |              |          |          |       |               |                     |              |
|                      |              |          |          |       |               |                     |              |
|                      |              |          |          |       |               |                     |              |
|                      |              |          |          |       |               |                     |              |
|                      |              |          |          |       |               |                     |              |
|                      |              |          |          |       |               |                     |              |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER** 

DATE CONSIDERED